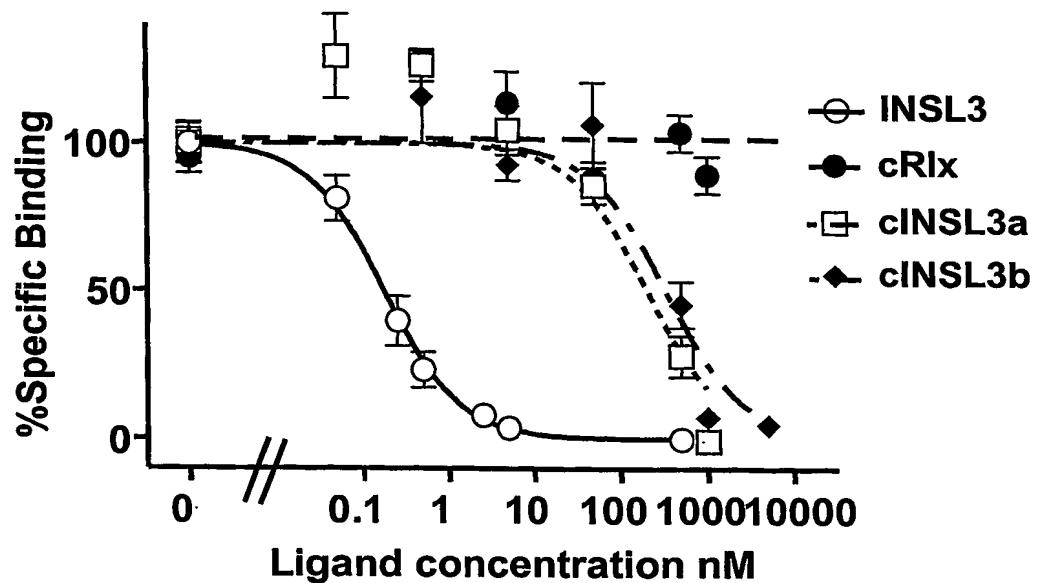


Figure 1

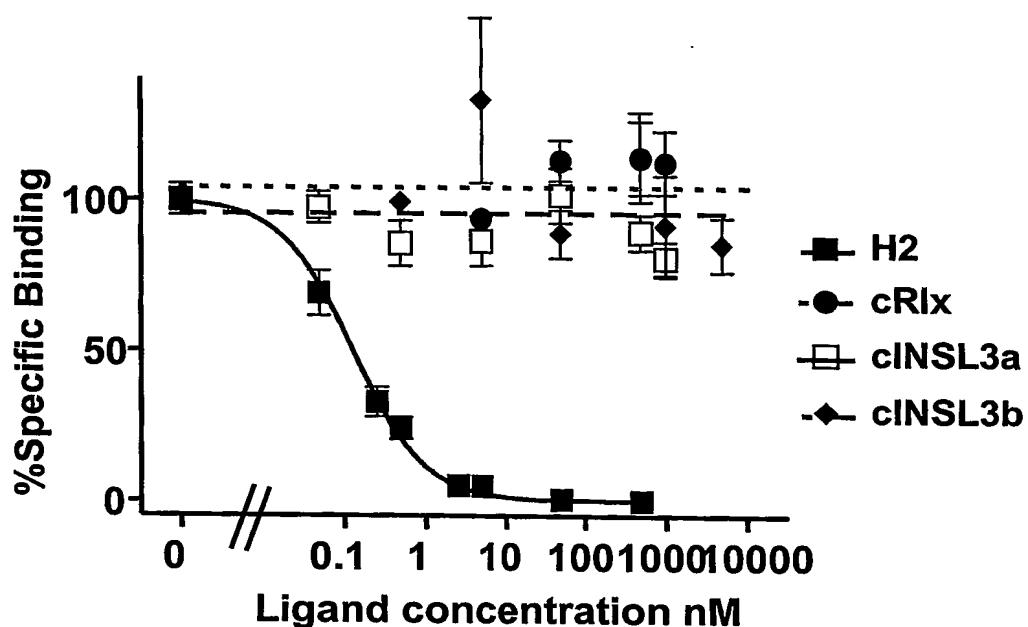
LGR8 stably transfected 293T cells



LGR8 pEC₅₀(n=3 to 4)
GB- 0
GBII - -6.79 ± 0.27 }ns
GBIII - -6.26 ± 0.23 }

Figure 2

LGR7 stably transfected 293T cells



LGR7 pEC₅₀ (n=3 to 4)

H2 -10.04±0.37

CRIx -0

cINSL3a - 0

cINSL3b - 0

Sequences of relaxin superfamly B-chain peptide analogues

relaxin

INSL3 B-chain

CR1X

cINSL3a

cINSL3b

Figure 3

Figure 4

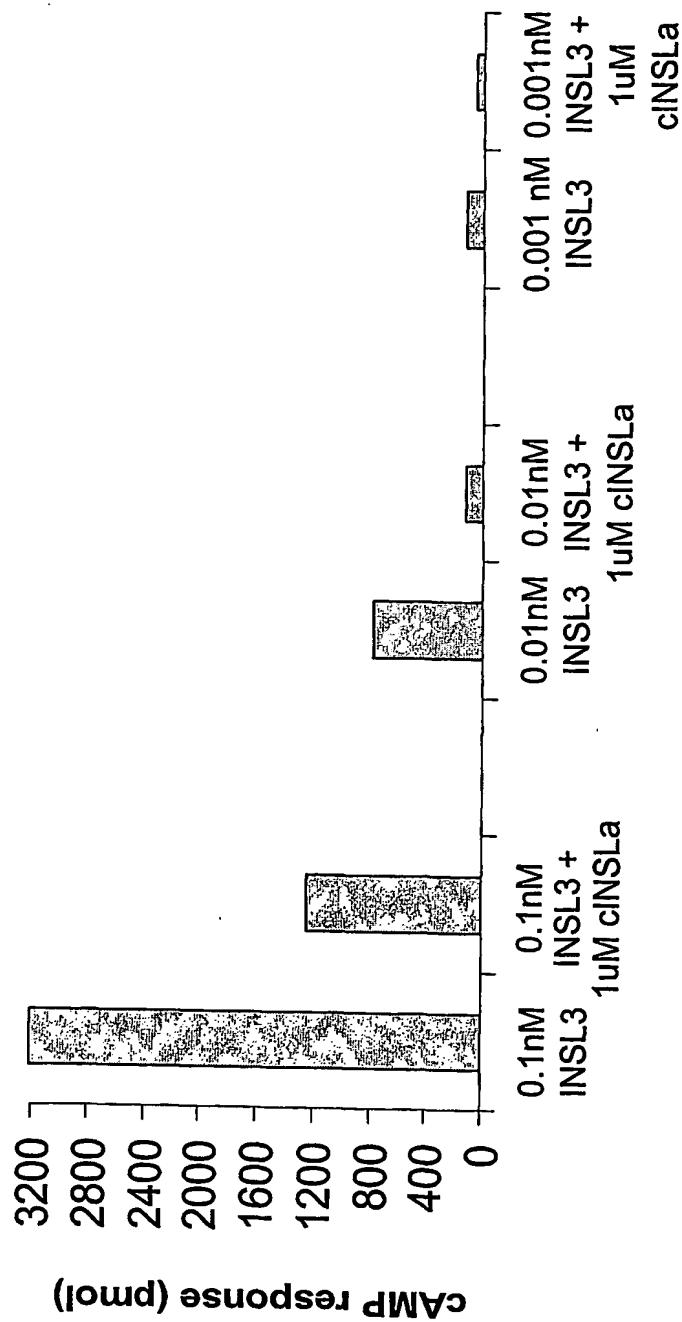
Antagonism of INSL3 at LGR8 by cINSL3a

Figure 5

CD spectra of cINSLa in various solvents

